

5037

## Material Safety Data Sheet

**Product Name:** LESCO WET ULTRA GRANULAR  
**Product Code:** LES/WETULTRABAG

**HMIS Codes:** HFRP  
 210X

### Section I – Manufacturer Identification

**Manufacturer's Name:** Becker Underwood, Inc.  
**Emergency Phone:** Chemtrec (800) 424-9300  
**Prepared By:** MSDS Coordinator

**Address:** P.O. Box 667, 801 Dayton Ave., Ames, IA 50010  
**Information Phone:** (515) 232-5907  
**Date Revised:** July 12, 2001

### Section II – Hazardous Ingredients/SARA III Information

#### Hazardous Components Occupational Exposure Limits

Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Ethylene Glycol Butyl Ether*	111-76-2	25 ppm; 120 mg/m <sup>3</sup>	25 ppm	< 10%
Quartz (crystalline silica) 5-6% respirable	14808-60-7	10 mg/m <sup>3</sup> /%SiO <sub>2</sub> +2	0.1 mg/m <sup>3</sup>	< 20%

\*Ethylene Glycol Butyl Ether is reportable under SARA Title III, Section 313 under the category of "N230 Certain Glycol Ethers" which has a de minimis concentration of 1.0%.

### Section III - Physical/Chemical Characteristics

**Boiling Point:** NA      **Specific Gravity: (H<sub>2</sub>O = 1):** NA  
**Vapor Density:** NA      **Evaporation Rate:** NA  
**Solubility In Water:** Insoluble      **Appearance and Odor:** Gray to tan granules

### Section IV - Fire and Explosion Hazard Data:

**Flash Point:** NA      **Method Used:** NA  
**Flammable Limits in Air by Volume:**      **Lower:** NA      **Upper:** NA  
**Extinguishing Media:** Foam, alcohol foam, carbon dioxide, dry chemical, water fog  
**Fire Fighting Precautions & Hazards:** Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Fire fighters should wear butyl rubber boots, gloves, and body suit and a NIOSH/MSHA self-contained breathing apparatus. Use water to cool containers exposed to fire.  
**Unusual Fire and Explosion Hazards:** None currently known.

### Section V – Reactivity Data

**Stability:** Stable  
**Conditions to Avoid:** Extremes in temperature. High humidity.  
**Incompatibility (Materials to Avoid):** Avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid. Avoid contact with amphoteric metals which include aluminum, copper, and zinc. Contact with turpentine, vegetable oil, or other unsaturated organic compounds, or with hydrofluoric acid may generate heat.  
**Hazardous Decomposition Products:** When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide, carbon dioxide, miscellaneous organic compounds, some possibly toxic.  
**Hazardous Polymerization:** Will not occur.

### Section VI - Health Hazard Data

**Inhalation Health Risks and Symptoms of Exposure:** Inhalation may cause irritation. Prolonged or repeated overexposure by inhalation may cause headache, dizziness, nausea, vomiting, weakness, and/or irritation of mucous membranes and upper respiratory tract.  
**Eye Contact Health Risks and Symptoms of Exposure:** Eye contact with product may cause severe irritation or eye damage.  
**Skin Contact Health Risks and Symptoms of Exposure:** Prolonged or repeated skin contact may cause irritation.  
**Skin Absorption Health risks and Symptoms of Exposure:** Absorption through skin may result in symptoms described under inhalation and ingestion.  
**Ingestion Health Risks and Symptoms of Exposure:** Ingestion may cause headache, dizziness, nausea, vomiting, weakness, blood disorders, even death.

## Section VI - Health Hazard Data (Continued)

**Health Hazards (acute and chronic):** Overexposure may cause damage to, disorders of, or adversely affect the following systems, functions, organs: blood, lungs, kidneys, liver. This product contains crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and fatal disease of the lung. Symptoms include cough, shortness of breath, wheezing and reduced pulmonary function. Normal use of this product is not expected to exceed the OSHA Permissible Exposure Limit (PEL) or ACGIH Threshold Limit Value (TLV) for respirable quartz.

**Carcinogenicity:** This product contains crystalline silica. The International Agency for Research on Cancer (IARC), in Monograph 68 has concluded that crystalline silica inhaled in the form of quartz or cristobalite, from occupational sources is carcinogenic to humans (Group 1). However, in making the overall evaluation, the Working Group noted that carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as reasonably anticipated to be a carcinogen. Normal use of this product is not expected to exceed the OSHA Permissible Exposure Limit (PEL) or ACGIH Threshold Limit Value (TLV) for respirable quartz.

**Existing Medical Conditions Generally Aggravated By Exposure:** May provoke asthmatic response in persons with asthma who are sensitive to airway irritants. Overexposure may aggravate disorders of the eyes, skin, and lungs.

### Emergency and First Aid Procedures:

**Eyes:** Flush with flowing water for at least 15 minutes. Call a physician.

**Skin:** Wash affected area with soap and water. If irritation develops consult a physician. Remove and launder contaminated clothing before reuse.

**Inhalation:** If difficulty in breathing occurs, move to fresh air. Get immediate medical attention.

**Ingestion:** Get immediate medical attention. Unless advised otherwise, dilute with water and induce vomiting.

## Section VII – Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Contain the spill to prevent a large discharge to groundwater, surface streams, or storm sewers. Vacuum or use wet clean-up techniques and place recovered product in a closable container.

**Waste Disposal Method:** If possible, the product should be dried before disposal. Disposal must be made in accordance with federal, state, and local regulation.

**Precautions to be Taken in Handling and Storing:** Local exhaust. Do not freeze. Avoid unnecessary skin contact. Do not breathe fumes.

**Other Precautions:** Eye wash fountains should be easily accessible. As with all chemicals, keep out of the reach of children.

## Section VIII - Control Measures

**Respiratory:** If excessive dust is present, wear NIOSH/MSHA approved respirator.

**Ventilation:** Use local exhaust or containment to control dust. If applicable, proper personal protection is a NIOSH/MSHA approved respirator.

**Clothing:** Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.

**Eye:** Safety glasses are recommended.

**Exposure Guidelines:** OSHA and ACGIH suggest that exposure to any dust or mist be kept below the level of a nuisance particulate.

**Other:** Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure. Safety shower, eye wash fountain, and washing facilities should be readily available.

## Section IX - Shipping and Labeling Information

**D.O.T. Shipping Data:** Not regulated.

**D.O.T. Hazard Classification** NA

**D.O.T. Labels Required:** NA

**D.O.T. Identification** NA

## Section X - Disclaimer

The opinions expressed herein are those of qualified persons with Becker Underwood, Inc. We believe the information contained here is current as of the date of this Material Safety Data Sheet. Since the use of this product is not within the control of Becker Underwood, Inc., it is the user's obligation to determine a safe end use of this product.